

Please amend the subject application as follows:

In the claims:

Please cancel Claim 10. Please amend Claims 1, 8, 13, 18, 23 and 27 as follows:

1. (Amended) A humanized immunoglobulin having binding specificity for  $\alpha 4\beta 7$  integrin, said immunoglobulin comprising an antigen binding region of nonhuman origin and at least a portion of an immunoglobulin of human origin, said antigen binding region comprising at least one of three complementarity determining regions (CDR1, CDR2 and CDR3) of a light chain variable region and at least one of three complementarity determining regions (CDR1, CDR2 and CDR3) of a heavy chain variable region of the amino acid sequence set forth below or an amino acid sequence substantially the same as said amino acid sequence such that the antibody specifically binds to the  $\alpha 4\beta 7$  integrin:

<u>light chain:</u>	<u>CDR1</u>	<u>RSSQSLAKSYGNTYLS</u>
	<u>CDR2</u>	<u>GISNRFS</u>
	<u>CDR3</u>	<u>LOGTHOPYT</u>
<u>heavy chain:</u>	<u>CDR1</u>	<u>SYWMH</u>
	<u>CDR2</u>	<u>EIDPSESNTNYNQKFKG</u>
	<u>CDR3</u>	<u>GGYDGWDYAIIDY.</u>

8. (Amended) A humanized immunoglobulin having binding specificity for  $\alpha 4\beta 7$  integrin comprising a heavy chain and a light chain,  
the light chain comprising [a] complementarity determining regions derived from an antibody of nonhuman origin which binds  $\alpha 4\beta 7$  and a framework region derived from a light chain of human origin, wherein each of said complementarity regions (CDR1, CDR2 and CDR3) has the amino acid sequence set forth below or an amino acid

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substantially the same as said amino acid sequence such that the antibody specifically binds to the  $\alpha 4\beta 7$  integrin:

light chain: CDR1 RSSQSLAKSYGNTYLS  
 CDR2 GISNRFS  
 CDR3 LOGTHOPYT; and

the heavy chain comprising [a] complementarity determining regions derived from an antibody of nonhuman origin which binds  $\alpha 4\beta 7$  and a framework region derived from a heavy chain of human origin, wherein each of said complementarity regions (CDR1, CDR2 and CDR3) has the amino acid sequence set forth below or an amino acid substantially the same as said amino acid sequence such that the antibody specifically binds to the  $\alpha 4\beta 7$  integrin:

heavy chain: CDR1 SYWMH  
 CDR2 EIDPSESNTNYNQKFKG  
 CDR3 GGYDGWDYAIDY.

13. (Amended) A humanized immunoglobulin light chain comprising CDR1, CDR2 and CDR3 of the light chain of murine Act-1 antibody, and a human light chain framework region, said complementarity determining regions comprising the amino acid sequence set forth below or an amino acid substantially the same as said amino acid sequence such that the antibody specifically binds to the  $\alpha 4\beta 7$  integrin:

light chain: CDR1 RSSQSLAKSYGNTYLS  
 CDR2 GISNRFS  
 CDR3 LOGTHOPYT.

18. (Amended) A humanized immunoglobulin heavy chain comprising CDR1, CDR2 and CDR3 of the heavy chain of the Act-1 antibody, and a human heavy chain framework region, said complementarity determining regions comprising the

amino acid sequence set forth below or an amino acid  
substantially the same as said amino acid sequence such  
that the antibody specifically binds to the  $\alpha 4\beta 7$   
integrin:

heavy chain:      CDR1 SYWMH  
                         CDR2 EIDPSESNTNYNQKFKG  
                         CDR3 GGYDGWDYAIDY.

23. (Amended) A humanized immunoglobulin light chain, said light chain having an amino acid sequence comprising at least a functional portion of the light chain variable region amino acid sequence shown in Figure 7 (SEQ ID NO:12), wherein said functional portion has binding specificity for  $\alpha 4\beta 7$  integrin.

27. (Amended) A humanized immunoglobulin heavy chain, said heavy chain having an amino acid sequence comprising at least a functional portion of the heavy chain variable region amino acid sequence shown in Figure 9 (SEQ ID NO:15), wherein said functional portion has binding specificity for  $\alpha 4\beta 7$  integrin.

## REMARKS

## Claim Amendments

Claim 10 has been canceled without prejudice to prosecution of the subject matter claimed in this, related, or subsequent applications.

Claims 1, 8, 13 and 18 have been amended to recite the amino acid sequences of particular complementarity determining regions or amino acid sequences substantially the same as those sequences such that the antibody specifically binds to the  $\alpha 4\beta 7$  integrin. Support for the phrase "at least one of three complementarity determining regions (CDR1, CDR2 and CDR3) of a light chain variable region and at least one of